

INTERNATIONAL SEARCH REPORT

PCT/IB 03/03556

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B20/12 G11B27/034 G11B27/32 G11B27/10 G11B27/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 150 293 A (SAMSUNG ELECTRONICS CO LTD) 31 October 2001 (2001-10-31) page 2, line 33 - line 36 page 7, line 2 - line 39 page 8, line 35 - line 51 figures 3A-3D,7	1-13
Y	EP 0 903 744 A (MATSUSHITA ELECTRIC IND CO LTD) 24 March 1999 (1999-03-24) page 11, line 47 -page 12, line 2 page 17, line 30 - line 55 page 35, line 9 -page 37, line 15 figures 6C-6H	1-13
A	US 6 219 311 B1 (MITSUNO MAKOTO) 17 April 2001 (2001-04-17) cited in the application the whole document	1-13
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

2 December 2003

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11/12/2003

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